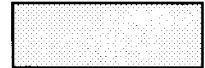# ELECTROMAGNETIC COMPATIBILITY AND TELECOMMUNICATIONS EMISSIONS TEST METHODS

Instructions: Check each test method for which you are requesting accreditation.

NVLAP Code   *Test Method Designation*

_____ 12/F01   FCC Method - 47 CFR Part 15 - Digital Devices
(Select 12/F01a, 12/F01b, or both.)

    _____ 12/F01a   Conducted Emissions, Power Lines, 450 KHz to 30 MHz

    _____ 12/F01b   Radiated Emissions

_____ 12/CIS14   CISPR 14-1 (March 30, 2000): Limits and Methods of Measurement of Radio Interference Characteristics of Household Electrical Appliances, Portable Tools and Similiar Electrical Apparatus - Part 1: Emissions

    _____ 12/CIS14a   EN 55014-1 (1993) with Amendments A1 (1997) & A2 (1999)

    _____ 12/CIS14b   AS/NZS 1044 (1995)

    _____ 12/CIS14c   CNS 13783-1

_____ 12/CIS22   IEC/CISPR 22 (1997): Limits and Methods of Measurement of Radio Disturbance Characteristics of Information Technology Equipment

    _____ 12/CIS22a   IEC/CISPR 22 (1993): Limits and Methods of Measurement of Radio Disturbance Characteristics of Information Technology Equipment, Amendment 1:1995, and Amendment 2:1996

    _____ 12/CIS22b   CNS 13438:1997: Limits and Methods of Measurement of Radio Interference Characteristics of Information Technology Equipment

_____ 12/T51   AS/NZS 3548: Electromagnetic Interference—Limits and Methods of Measurement of Information Technology Equipment
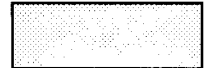
ELECTROMAGNETIC COMPATIBILITY AND TELECOMMUNICATIONS IMMUNITY TEST METHODS

NVLAP Code	*Test Method Designation*
_____ 12/I01	IEC 61000-4-2 (1995) and Amendment 1 (1998): Electrostatic Discharge Immunity Test
_____ 12/I02	IEC 61000-4-3 (1995) and Amendment 1 (1998): Radiated, Radio-Frequency Electromagnetic Field Immunity Test
_____ 12/I03	IEC 61000-4-4 (1995): Electrical Fast Transient/Burst Immunity Test
_____ 12/I04	IEC 61000-4-5 (1995): Surge Immunity Test
_____ 12/I05	IEC 61000-4-6 (1996): Immunity to Conducted Disturbances, Induced Radio-Frequency Fields
_____ 12/I06	IEC 61000-4-8 (1993): Power Frequency Magnetic Field Immunity Test
_____ 12/I07	IEC 61000-4-11 (1994): Voltage Dips, Short Interruptions and Voltage Variations Immunity Tests

ELECTROMAGNETIC COMPATIBILITY AND TELECOMMUNICATIONS
MIL-STD-462 TEST METHODS

MIL-STD-462 - Measurement of Electromagnetic Interference Characteristics

NVLAP Code	*Test Method Designation*

Conducted Emissions

_____ 12/A01	MIL-STD-462 Method CE01
_____ 12/A04	MIL-STD-462 Method CE02
_____ 12/A06	MIL-STD-462 Method CE03
_____ 12/A08	MIL-STD-462 Method CE04
_____ 12/A10	MIL-STD-462 Method CE06
_____ 12/A12	MIL-STD-462 Method CE07
_____ 12/A13	MIL-STD-462 Version D Method CE101
_____ 12/A14	MIL-STD-462 Version D Method CE102
_____ 12/A15	MIL-STD-462 Version D Method CE106
_____ 12/A16	MIL-STD-461 Version E Method CE101
_____ 12/A17	MIL-STD-461 Version E Method CE102
_____ 12/A18	MIL-STD-461 Version E Method CE106

Conducted Susceptibility

_____ 12/B01	MIL-STD-462 Method CS01
_____ 12/B02	MIL-STD-462 Method CS02
_____ 12/B04	MIL-STD-462 Method CS03/CS04/CS05/CS08
_____ 12/B05	MIL-STD-462 Method CS06
_____ 12/B06	MIL-STD-462 Method CS07
_____ 12/B07	MIL-STD-462 Method CS09
_____ 12/B08	MIL-STD-462 Method CS10

ELECTROMAGNETIC COMPATIBILITY AND TELECOMMUNICATIONS
MIL-STD-462 TEST METHODS

MIL-STD-462 - Measurement of Electromagnetic Interference Characteristics

NVLAP Code	*Test Method Designation*
_____ 12/B09	MIL-STD-462 Method CS11
_____ 12/B10	MIL-STD-462 Method CS12
_____ 12/B11	MIL-STD-462 Method CS13
_____ 12/B12	MIL-STD-462 Version D Method CS101
_____ 12/B13	MIL-STD-462 Version D Method CS103
_____ 12/B14	MIL-STD-462 Version D Method CS104
_____ 12/B15	MIL-STD-462 Version D Method CS105
_____ 12/B16	MIL-STD-462 Version D Method CS109
_____ 12/B17	MIL-STD-462 Version D Method CS114
_____ 12/B18	MIL-STD-462 Version D Method CS115
_____ 12/B19	MIL-STD-462 Version D Method CS116
_____ 12/B20	MIL-STD-461 Version E Method CS101
_____ 12/B21	MIL-STD-461 Version E Method CS103
_____ 12/B22	MIL-STD-461 Version E Method CS104
_____ 12/B23	MIL-STD-461 Version E Method CS105
_____ 12/B24	MIL-STD-461 Version E Method CS109
_____ 12/B25	MIL-STD-461 Version E Method CS114
_____ 12/B26	MIL-STD-461 Version E Method CS115
_____ 12/B27	MIL-STD-461 Version E Method CS116

Radiated Emissions

_____ 12/D01	MIL-STD-462 Method RE01

ELECTROMAGNETIC COMPATIBILITY AND TELECOMMUNICATIONS
MIL-STD-462 TEST METHODS

MIL-STD-462 - Measurement of Electromagnetic Interference Characteristics

NVLAP Code	*Test Method Designation*
_____ 12/D02	MIL-STD-462 Method RE02
_____ 12/D03	MIL-STD-462 Method RE03
_____ 12/D04	MIL-STD-462 Version D Method RE101
_____ 12/D05	MIL-STD-462 Version D Method RE102
_____ 12/D06	MIL-STD-462 Version D Method RE103
_____ 12/D07	MIL-STD-461 Version E Method RE101
_____ 12/D08	MIL-STD-461 Version E Method RE102
_____ 12/D09	MIL-STD-461 Version E Method RE103

Radiated Susceptibility

_____ 12/E01	MIL-STD-462 Method RS01
_____ 12/E02	MIL-STD-462 Method RS02
_____ 12/E03	MIL-STD-462 Method RS03 (Consult laboratory for field strengths available)
_____ 12/E04	MIL-STD-462 Method RS03 Employing RADHAZ procedures for high level testing (consult laboratory for field strengths available)
_____ 12/E05	MIL-STD-462 Method RS05
_____ 12/E07	MIL-STD-462 Method RS06
_____ 12/E08	MIL-STD-462 Version D Method RS101
_____ 12/E09	MIL-STD-462 Version D Method RS103
_____ 12/E10	MIL-STD-462 Version D Method RS105
_____ 12/E11	MIL-STD-461 Version E Method RS101

ELECTROMAGNETIC COMPATIBILITY AND TELECOMMUNICATIONS
MIL-STD-462 TEST METHODS

MIL-STD-462 - Measurement of Electromagnetic Interference Characteristics

NVLAP Code	*Test Method Designation*
_____ 12/E12	MIL-STD-461 Version E Method RS103
_____ 12/E13	MIL-STD-461 Version E Method RS105

ELECTROMAGNETIC COMPATIBILITY AND TELECOMMUNICATIONS SAFETY TEST METHODS

Australian Communications Authority (ACA) Technical Standards as determined under the Telecommunications Act of 1997

NVLAP Code.   *Test Method Designation*

_____ 12/T41   ACA TS-001: Safety Requirements for Customer Equipment

Australian Standards referred to by clauses in AUSTEL Technical Standards

_____ 12/T50   AS/NZS 3260: Safety of Information Technology Equipment Including Electrical Business Equipment

ELECTROMAGNETIC COMPATIBILITY AND TELECOMMUNICATIONS
TELECOMMUNICATIONS TEST METHODS

NVLAP Code	*Test Method Designation*
____ 12/T01	Terminal Equipment Network Protection Standards FCC Method - 47 CFR Part 68 - Analog and Digital (Select 12/T01a and/or 12/T01b and/or 12/T01c.)
____ 12/T01a	68.302 Environmental simulation, Para. c, d, e, f 68.304 Leakage current limitations 68.306 Hazardous voltage limitations 68.308 Signal power limitations 68.310 Longitudinal balance limitations 68.312 On-hook impedance limitations 68.314 Billing protection
____ 12/T01b	68.316 Hearing Aid Compatibility: Technical standards
____ 12/T01c	68.302 Environmental simulation, Para. a, b
____ 12/CS03	Industry Canada Certification Specification 03:1999 (CS-03:1999): Specification for Terminal Equipment, Terminal Systems, Network Protection Devices, Connection Arrangements and Hearing Aids Compatibility
____ 12/T42	ACA TS-002: Analogue Interworking and Non-Interference Requirements for Customer Equipment Connected to the Public Switched Telephone Network
____ 12/T43	ACA TS-003: Customer Switching Systems Connected to the Public Switched Telephone Network
____ 12/T44	ACA TS-004: Voice Frequency Performance Requirements for Customer Equipment
____ 12/T45	ACA TS-006: General Requirements for Customer Equipment Connected to the Non-Switched Telephone Network
____ 12/T46	ACA TS-008: Requirements for Authorized Cabling Product
____ 12/T47	ACA TS-013: General Requirements for Customer Equipment Connected to ISDN Basic Access
____ 12/T48	ACA TS-014: General Requirements for Customer Equipment Connected to ISDN Primary Rate Access

ELECTROMAGNETIC COMPATIBILITY AND TELECOMMUNICATIONS
TELECOMMUNICATIONS TEST METHODS

NVLAP Code   ***Test Method Designation***

_____ 12/T49   ACA TS-016: General Requirements for Customer Equipment
Connected to Hierarchial Digital Interfaces